

10 MAR 2005

527,524

10/527524

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
25 March 2004 (25.03.2004)

PCT

(10) International Publication Number  
WO 2004/025052 A1

(51) International Patent Classification<sup>7</sup>: E04G 21/32 (74) Agents: THOMPSON, Paul, M et al.; Davies Collison Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).

(21) International Application Number:  
PCT/AU2003/001194

(22) International Filing Date:  
11 September 2003 (11.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2002951324 11 September 2002 (11.09.2002) AU

(71) Applicants (for all designated States except US): WILKS, Alice, Wendy [AU/AU]; PO Box 392, Inverell, New South Wales 2360 (AU). WILKS, Bruce, Ellis [AU/AU]; PO Box 392, Inverell, New South Wales 2360 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MUNDAY, Kendall [AU/AU]; 1/14 Chester Street, Inverell, New South Wales 2360 (AU). BLAKE, Andrew [AU/AU]; 26 King Street, Inverell, New South Wales 2360 (AU).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

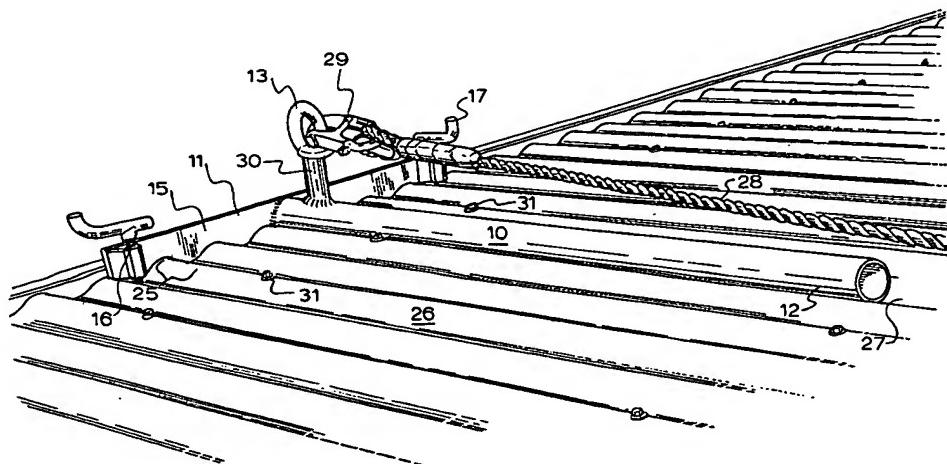
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ROOF ANCHOR



WO 2004/025052 A1

(57) Abstract: A portable anchor for use on a roof (26), the anchor comprising a force distribution member (12) and connection means (13) for receiving a load support line (28) wherein the connection means is positioned around the junction between the attachment member and the force distribution member (12). The attachment member (11) is preferably an elongate arrangement with a gap between a first side structure and a second side structure in the form of a clamping arrangement. The gap is dimensioned to receive an edge (25) of the roof and preferably has a stop member (15) positionable against an edge of the roof cladding. The force distribution member (12) is preferably dimensioned and configured to mate with corrugations (27) or other indentations in the roof to resist lateral displacement. The connection means (13) is positioned towards the junction of the arm and the longate member to resist the tendency for lateral rotation and displacement of the roof anchor as a harnessed worker moves laterally on the roof. The clamping means is preferably formed from two clamping arrangements (16, 17) such as cammed catches or threaded bolts.